

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/09933

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ B66B11/08, H02K7/102

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ B66B11/00-11/08, F16D49/00-71/04, H02K7/10, 7/102

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Toroku Jitsuyo Shinan Koho	1994-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2000-153973 A (Nippon Erebeta Seizo Kabushiki Kaisha), 06 June, 2000 (06.06.00), (Family: none)	1, 3, 6-20, 22-28
Y	JP 11-79686 A (Meidensha Corp.), 23 March, 1999 (23.03.99), (Family: none)	1, 3, 6-20, 22-28
Y	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 46316/1977 (Laid-open No. 140888/1978) (Miki Pulley Co., Ltd.), 07 November, 1978 (07.11.78), (Family: none)	1, 3, 6-20, 22-28

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search
27 April, 2004 (27.04.04)

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18 May, 2004 (18.05.04)

Name and mailing address of the ISA/
Japanese Patent Office

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INTERNATIONAL SEARCH REPORT

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2003-104666 A (Meidensha Corp.), 09 April, 2003 (09.04.03), & EP 1298084 A2 & CN 1410338 A & US 2003/0070881 A1	9, 18, 24-26
Y	JP 2001-151443 A (Toshiba Digital Media Engineering Kabushiki Kaisha, Toshiba Corp.), 05 June, 2001 (05.06.01), (Family: none)	10, 19, 27
Y	JP 5-56618 A (Fuji Electric Co., Ltd.), 05 March, 1993 (05.03.93), (Family: none)	14, 17, 27
Y	JP 2002-122142 A (Mitsubishi Materials Corp., Asmo Co., Ltd.), 26 April, 2002 (26.04.02), & EP 1179685 A2 & US 2002/0025092 A1	28
X	JP 2002-284486 A (Sanyo Kogyo Kabushiki Kaisha), 03 October, 2002 (03.10.02),	2, 4, 10-11, 18, 20-21
Y	(Family: none)	9, 12-15, 19, 22-28
X	DE 19832208 C1 (SYSTEM ANTRIEBSTECHNIK DRESDEN GMBH.),	5-7, 20-21
Y	04 November, 1999 (04.11.99), (Family: none)	8-10, 11-15, 18-19, 22-28
X	DE 19906727 C1 (SYSTEM ANTRIEBSTECHNIK DRESDEN GMBH.),	6-8, 10, 20
Y	08 June, 2000 (08.06.00), (Family: none)	9, 11-15, 18-19, 21-24